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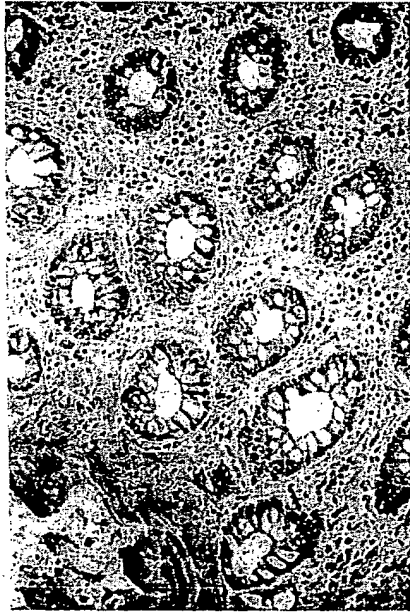
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# FIGURE 1A

ATTORNEY DOCKET NO. 01948/095002  
Applicants: Simon C. Robson et al.  
Title: METHODS AND COMPOSITIONS FOR TREATING AND  
PREVENTING AUTOIMMUNE DISORDERS  
Filed: April 8, 2004  
Page 1 of 24



Normal

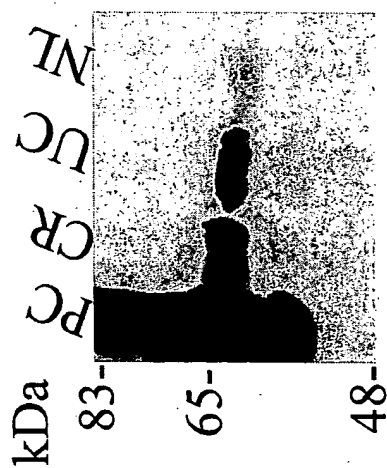


UC

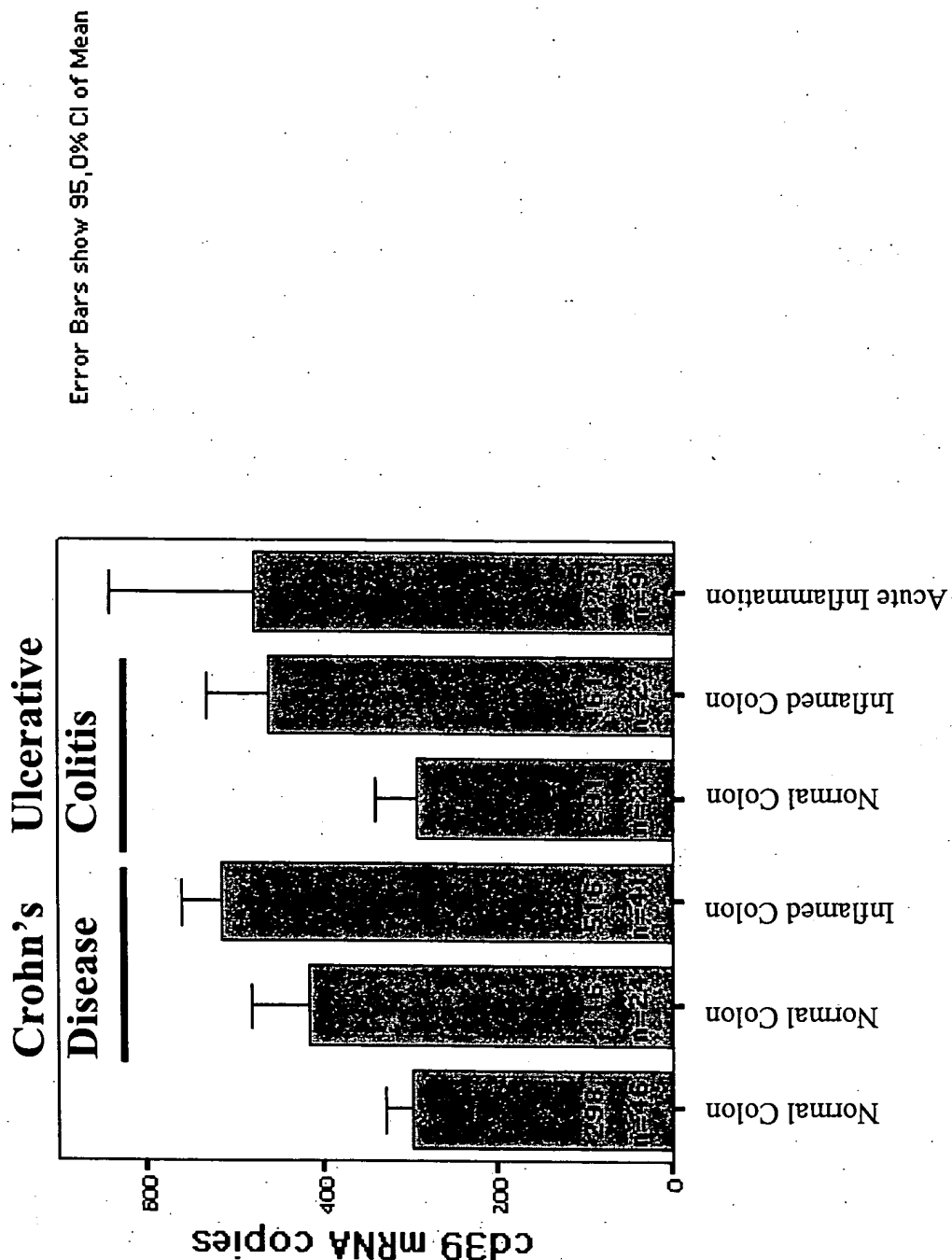


CD

## FIGURE 1B



# FIGURE 1C



# FIGURE 1D

ATTORNEY DOCKET NO. 01948/095002  
Applicants: Simon C. Robson et al.  
Title: METHODS AND COMPOSITIONS FOR TREATING AND  
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Filed: April 8, 2004  
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Normal



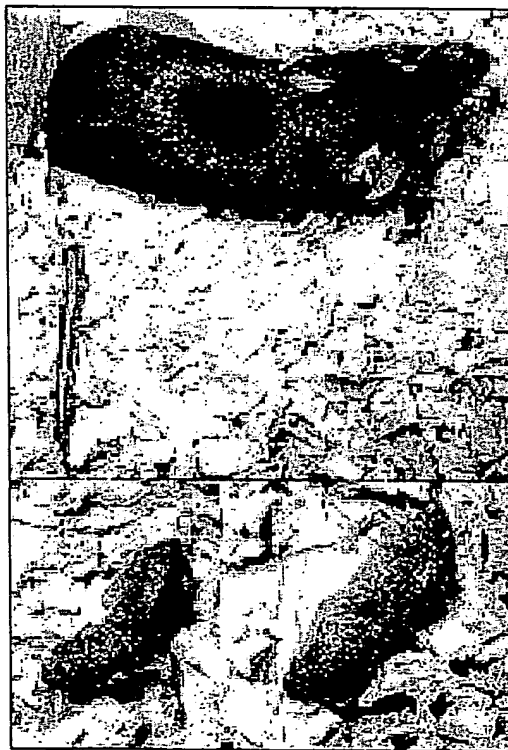
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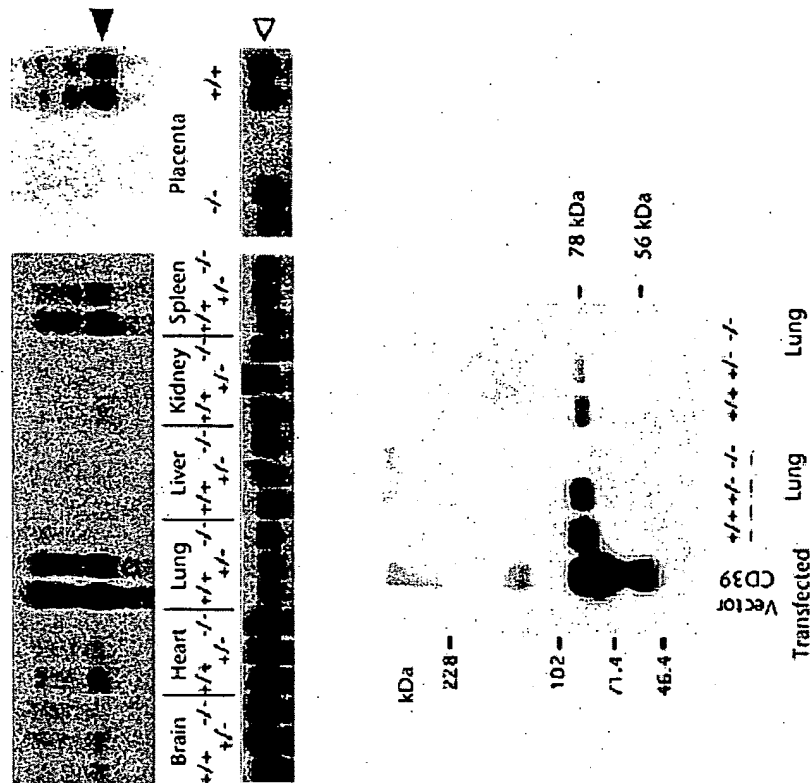
CD

# FIGURE 2

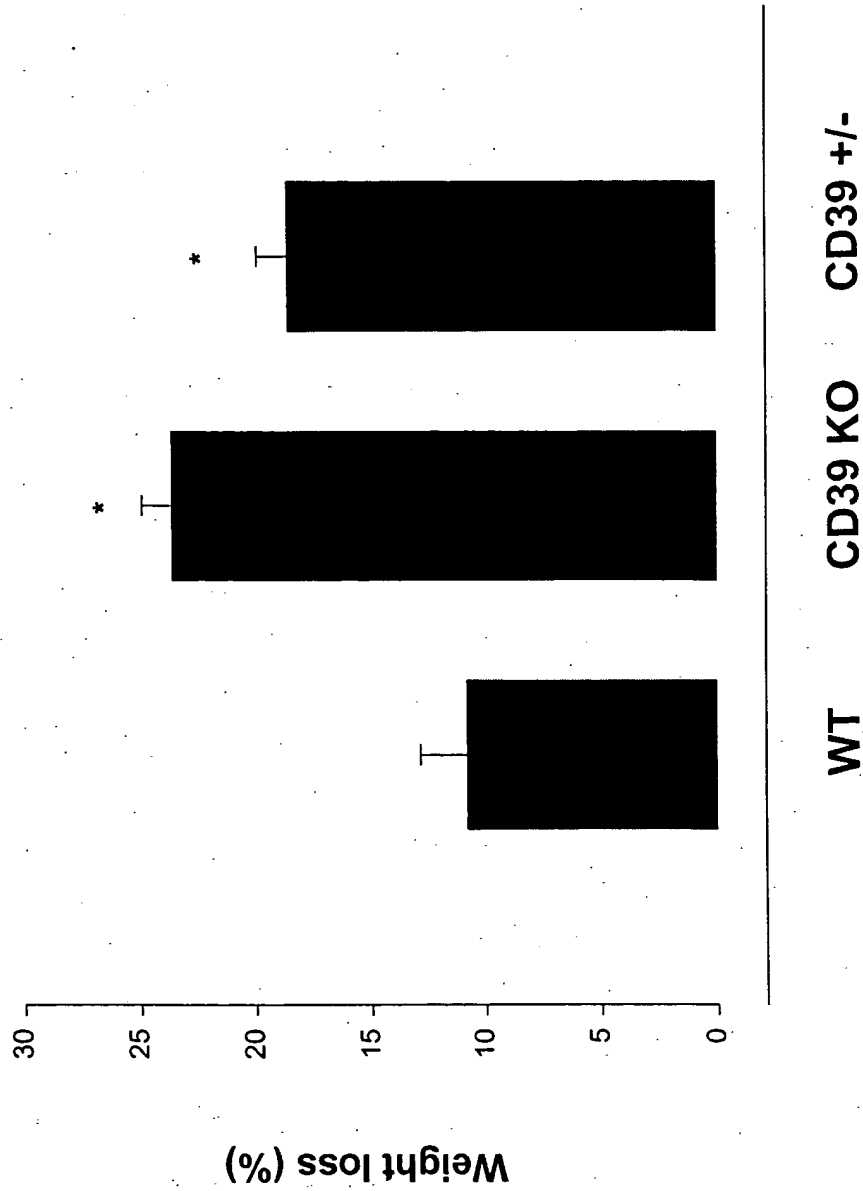
A



B

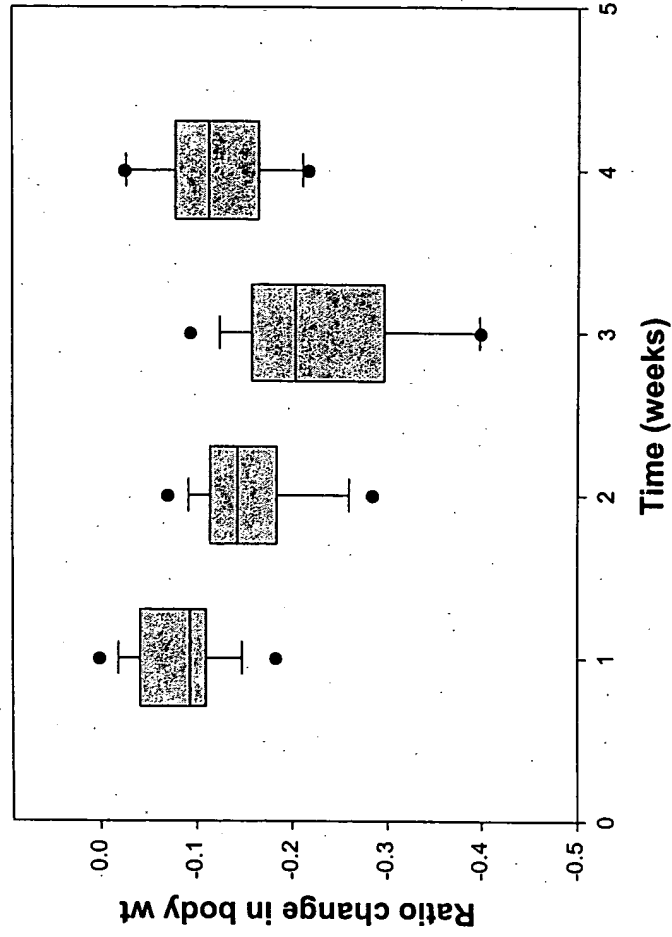


**FIGURE 3A**



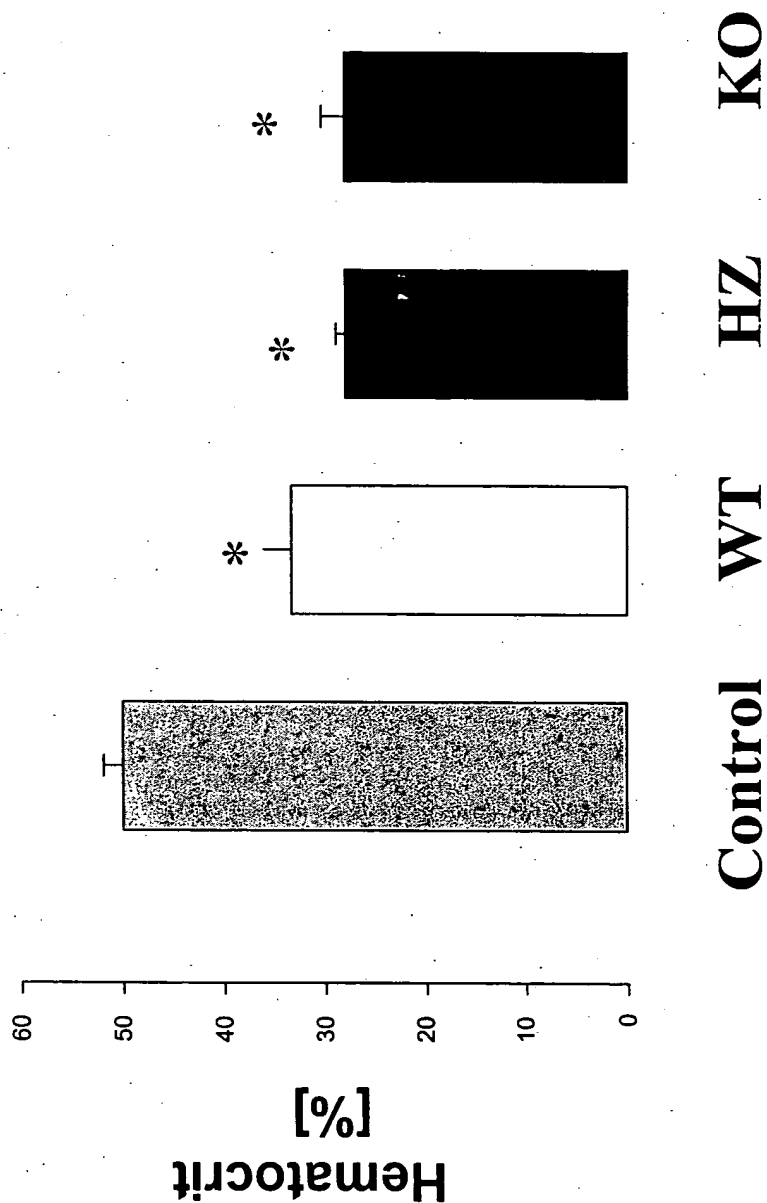
## FIGURE 3B

### Chronic DSS wild type





## FIGURE 4



## FIGURE 5A



grade 0



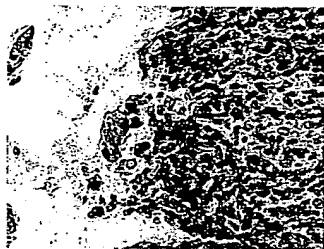
grade I



grade II



grade III



grade IV

# FIGURE 5B

ATTORNEY DOCKET NO. 01848/095002  
Applicants: Simon C. Robson et al.  
Title: METHODS AND COMPOSITIONS FOR TREATING AND  
PREVENTING AUTOIMMUNE DISORDERS  
Filed: April 8, 2004  
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Control

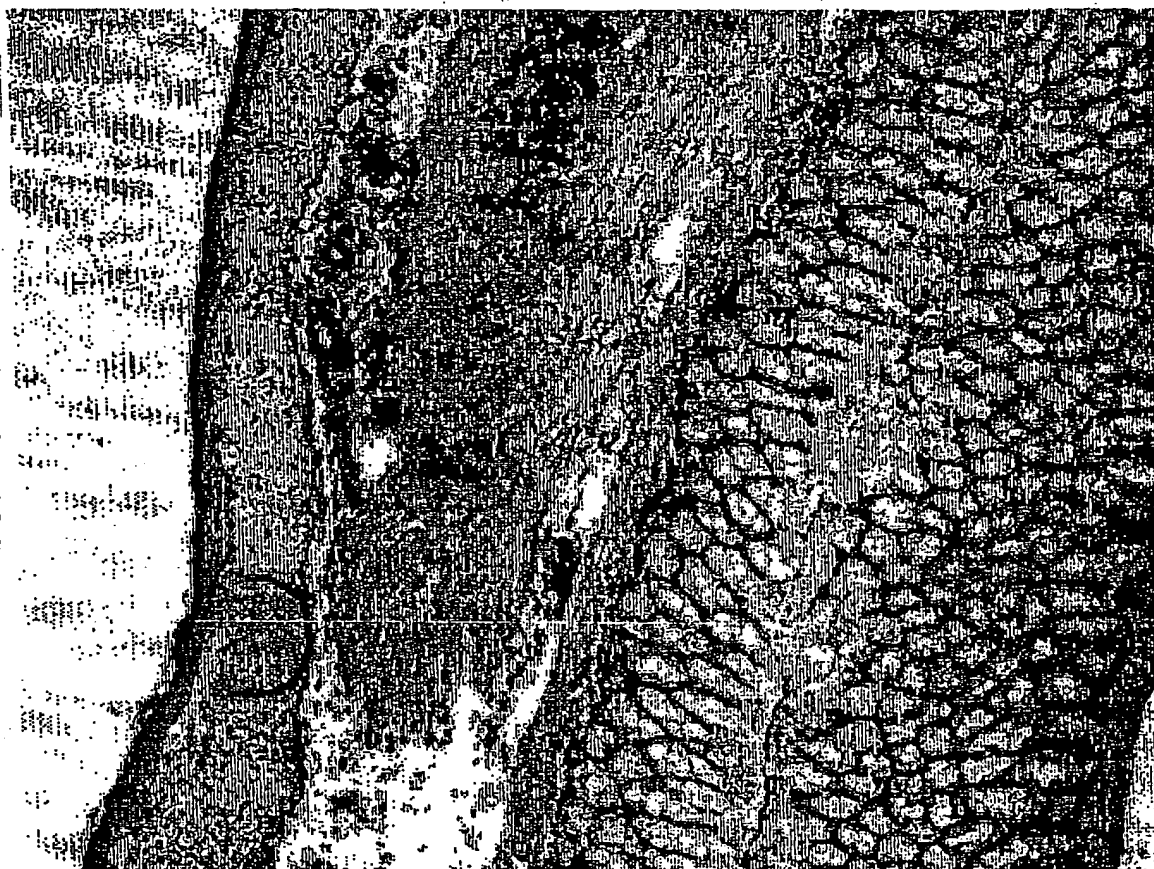


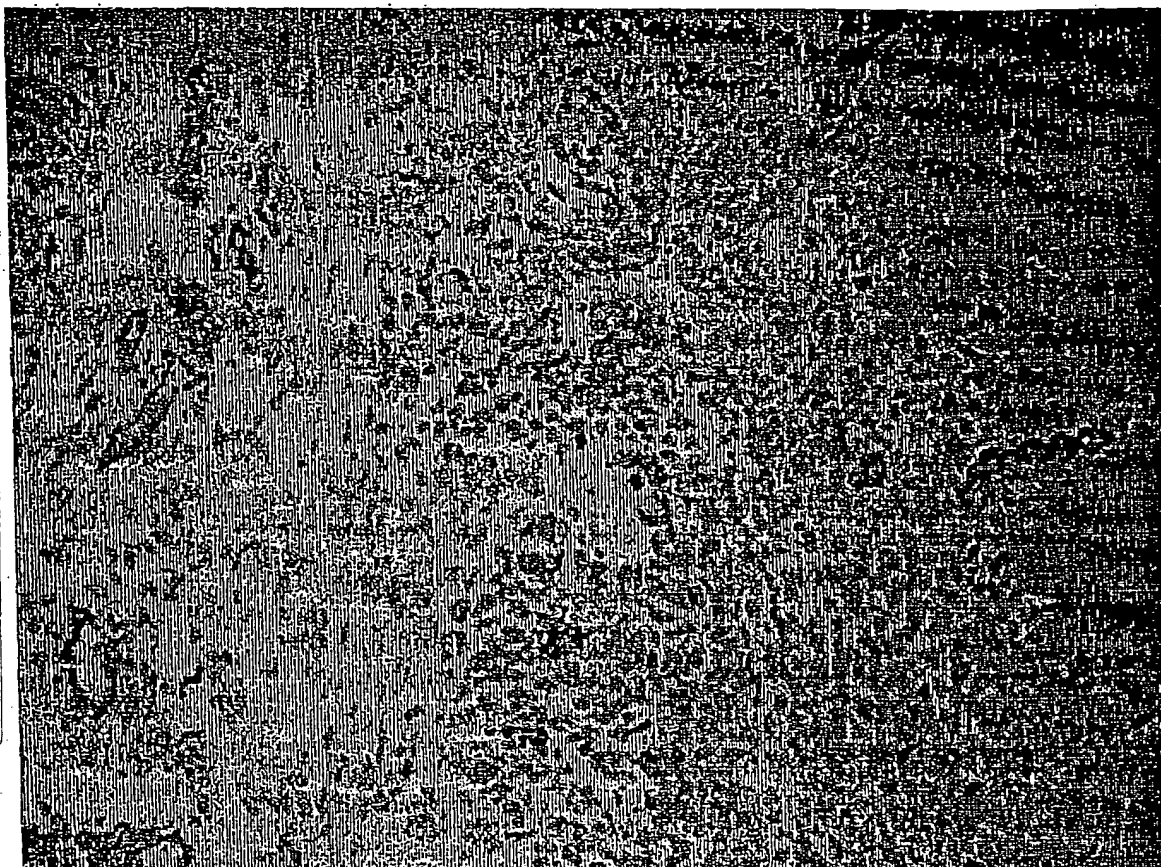
Cd39 +/-



Cd39 -/-

**FIGURE 6A**



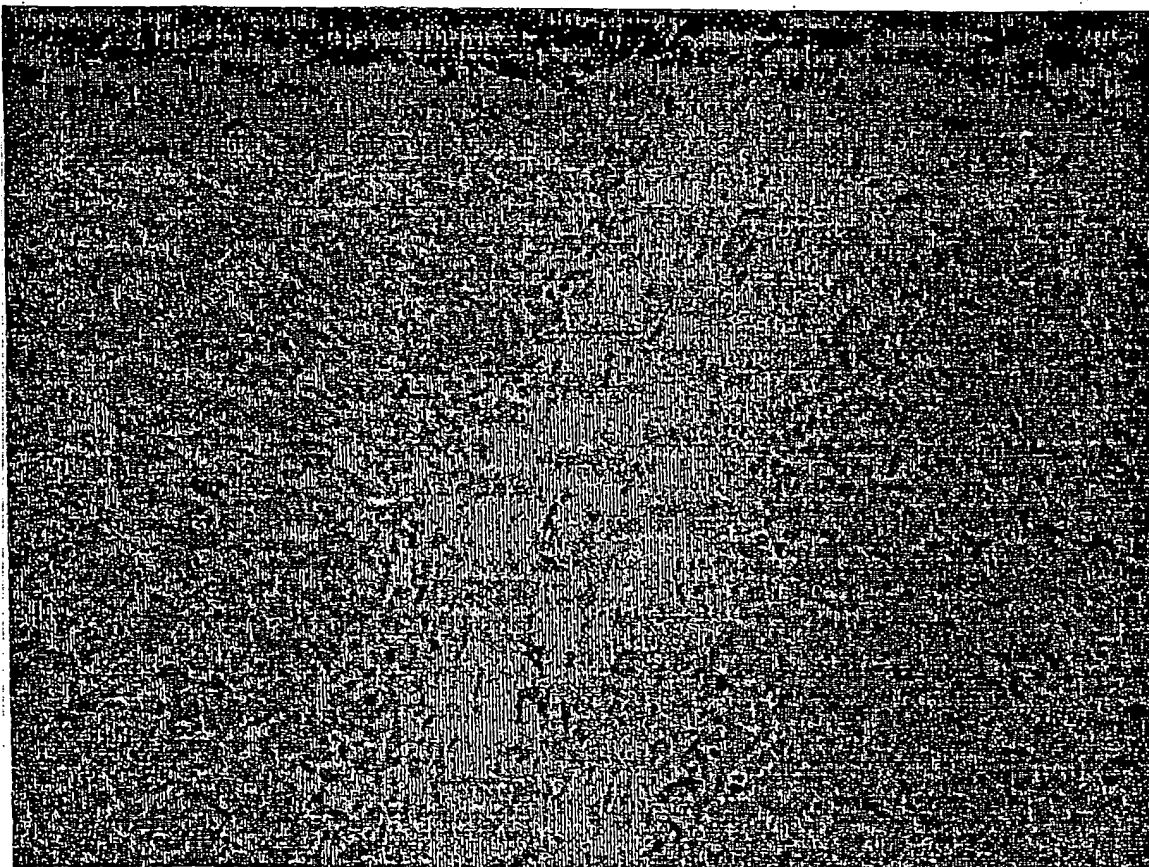


**FIGURE 6B**



FIGURE 6C

## FIGURE 6D





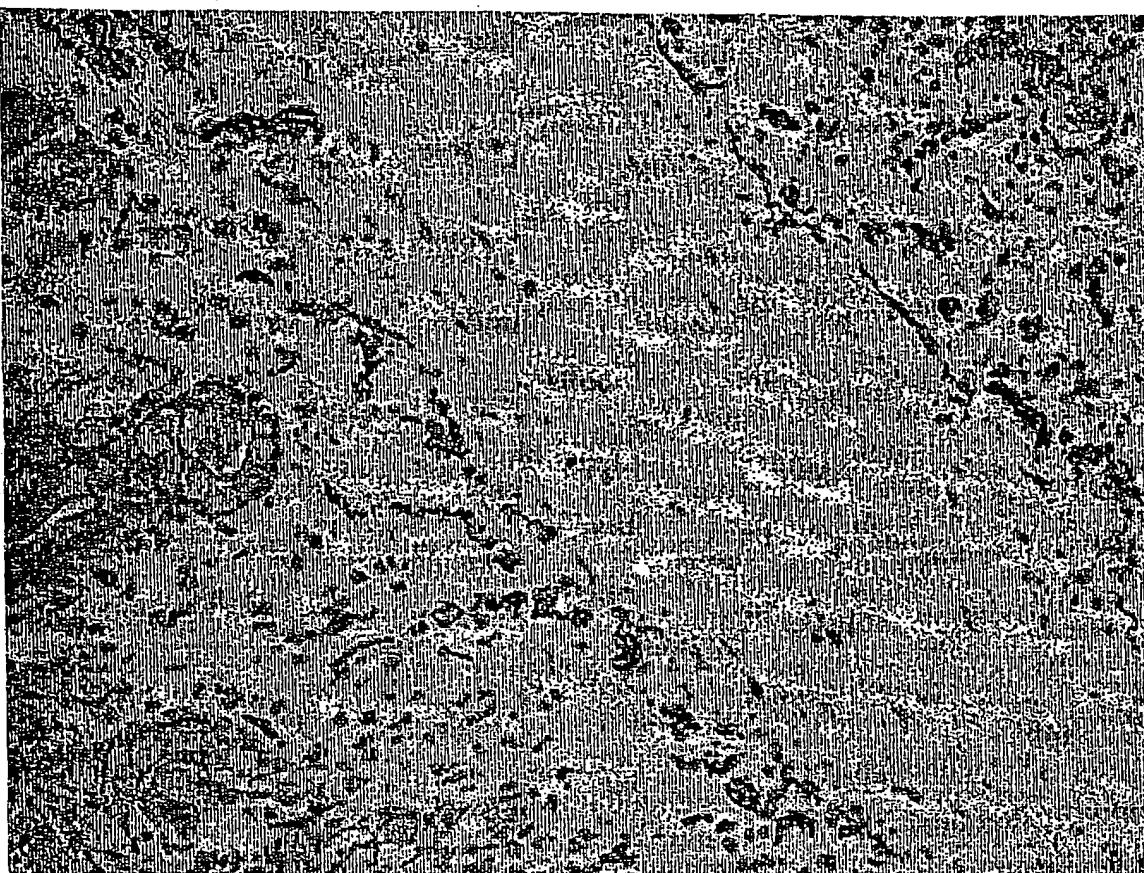


**FIGURE 6E**





FIGURE 7A



**FIGURE 7B**

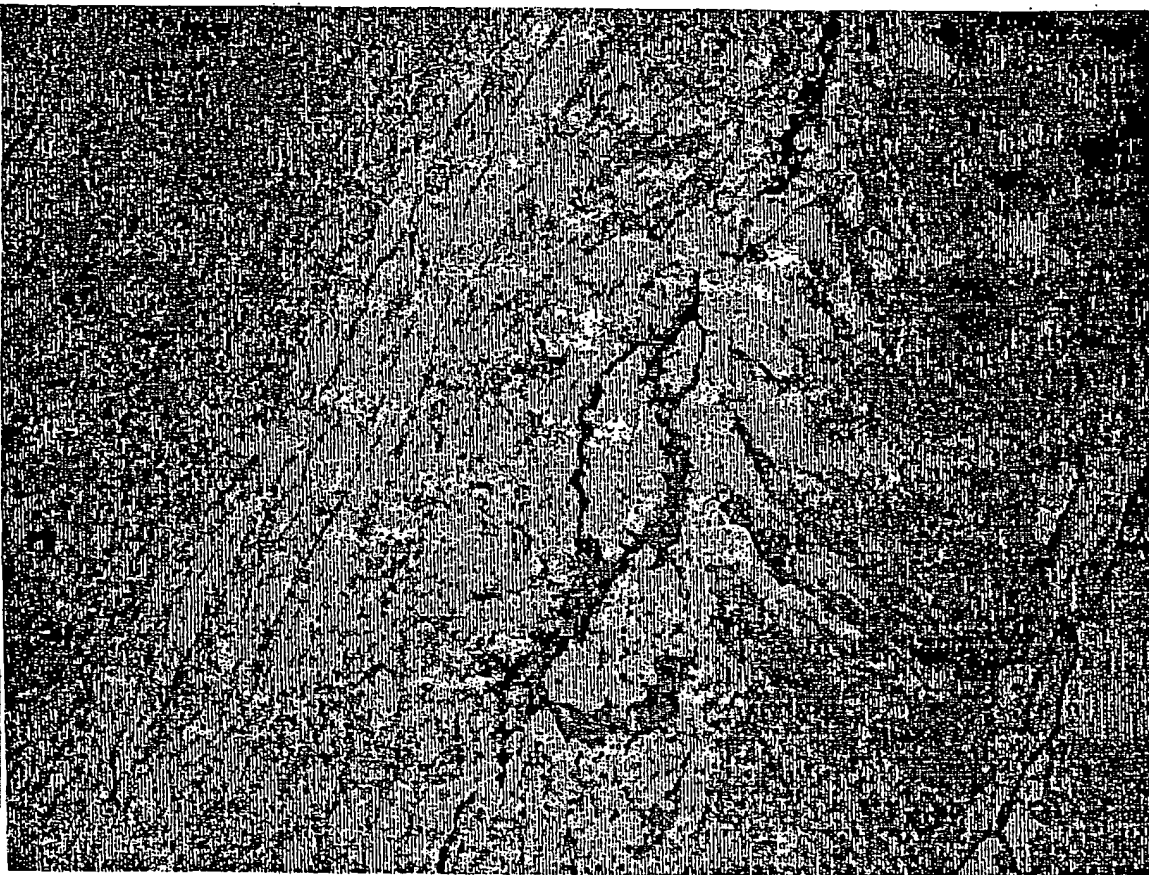
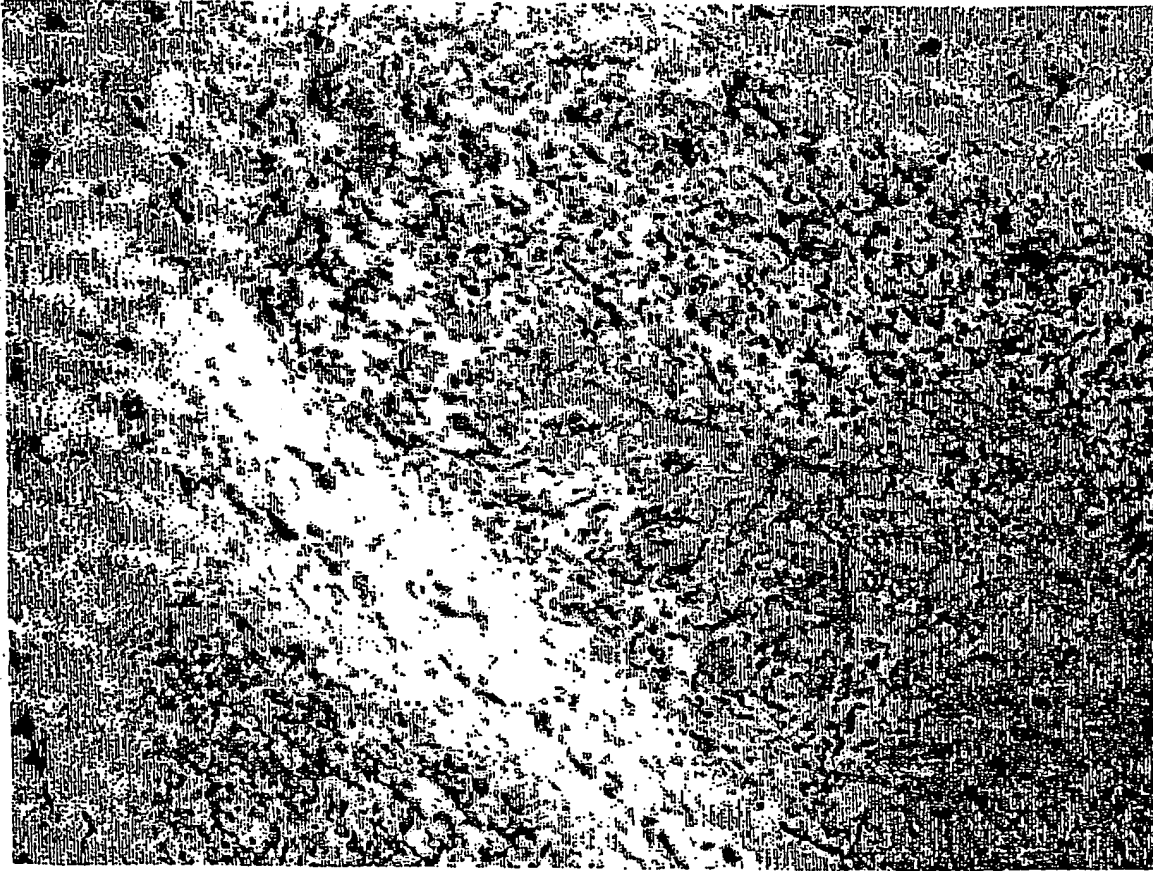


FIGURE 7C

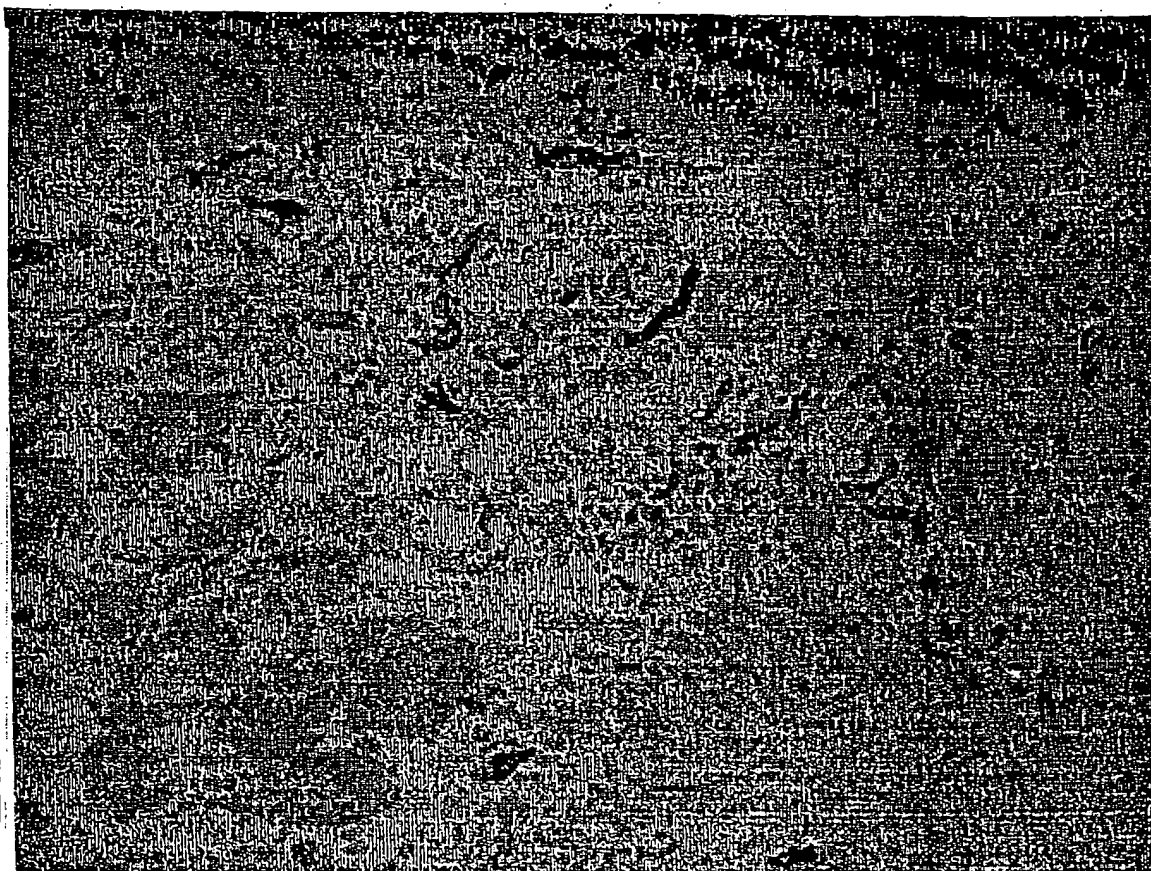


**FIGURE 7D**

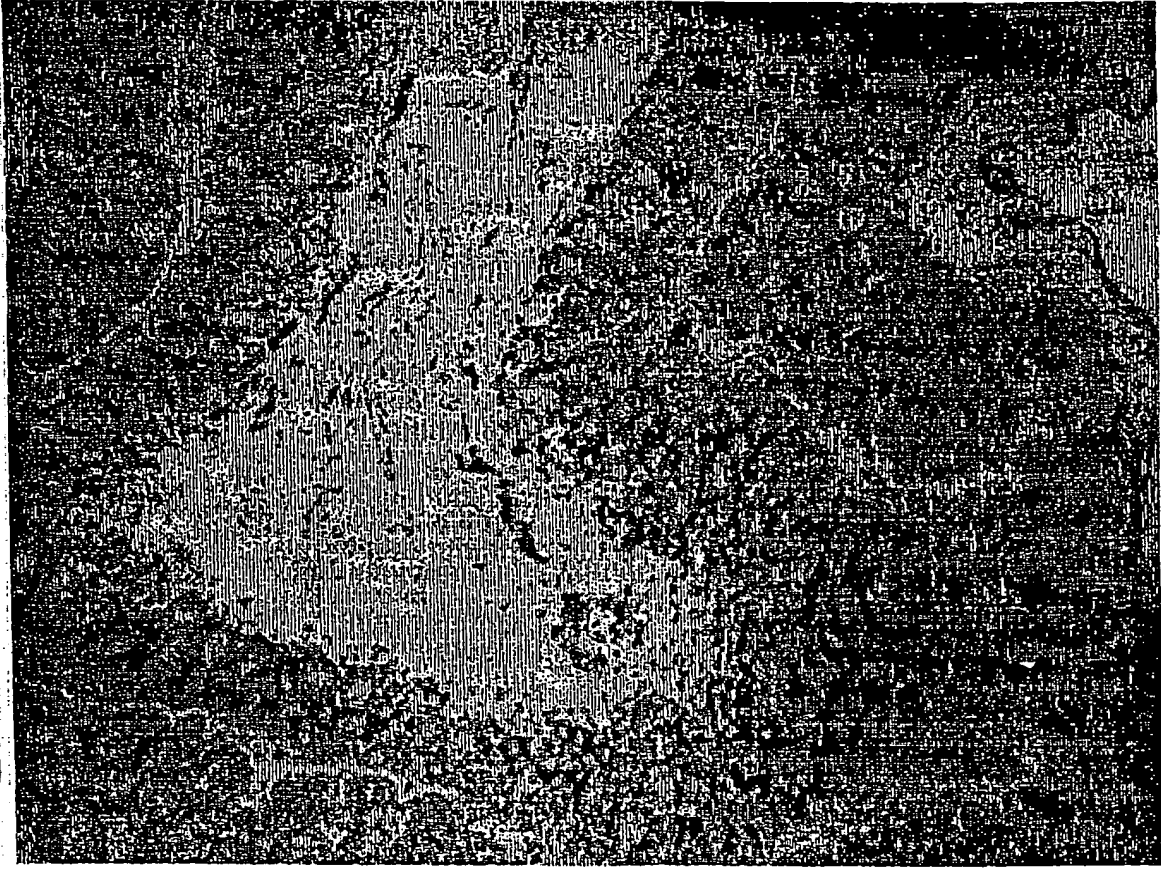


**FIGURE 7E**

# FIGURE 8A

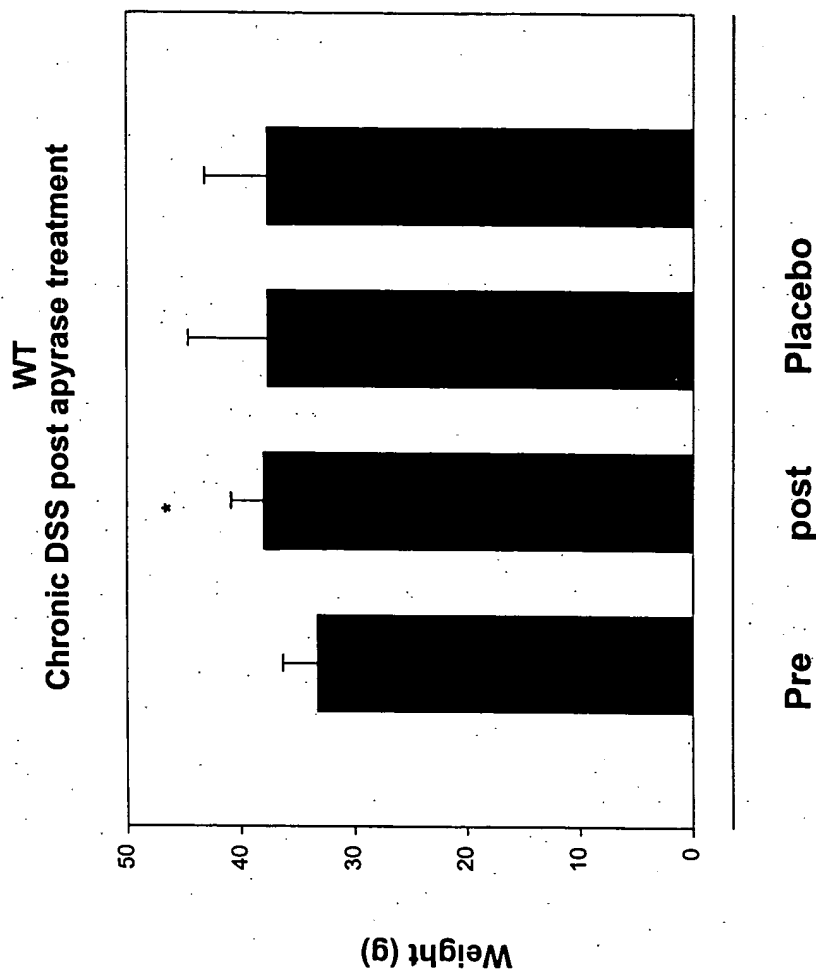






**FIGURE 8B**

## FIGURE 9A





# FIGURE 9B

Chronic DSS  
Hemizygous

